DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

6/15/12

Mary Szulborski
Assistant District Attorney
Suffolk County

Dear ADA Szulborski:

Enclosed is the analytical information you requested in regards to laboratory certificate numbers
███████████████████ Included are copies of the following:

1) Laboratory Drug Receipt
2) Laboratory Control Cards with chemists' hand notations
3) Analysis Reporting Forms with chemist's hand notations
4) MicroMedex identification printouts
5) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data

All preliminary tests were performed by Daniel Renczkowski and the GC/MS analyses of these items were performed by Kate Corbett.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: KAC

![Boston Police Department logo]

DRUG RECEIPT

CC # ██████████

BOOK # 66

PAGE # 67

DESTRUCTION # _____

District/Unit _____ A-1 DCU _____

Name & Rank of Arresting Officer _____ S/O Wm DWAN _____ ID# __ 10060 ___

DEFENDANT'S NAME	ADDRESS	CITY	STATE
██████████████████████		JP	MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY GROSS WEIGHT	ANALYSIS NUMBER
Suboxone	2 Tablets	2.63g	███████
Suboxone	11 Tablets	8.11g	███████

To be completed by ECU personnel only

Name and Rank of Submitting Officer _____ P.O. Dolphin _____ ID# __ 12015 ___

Received by _____ ECO _____ Date __ 1-19-12 ___

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

No. ██████████ Date Analyzed: 2/16/12

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: ██████████████████

Amount: 2.0   Subst: TABS

No. Cont: 1   Cont: pb

Date Rec'd: 01/19/2012   No. Analyzed:

Gross Wt.: 2.63   Net Weight: 0.78

                                     # Tests: JDJR
                                              JWAC

Prelim: Buprenorphine   Findings: Buprenorphine

No. ███████ Date Analyzed: 2/16/12

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: ███████████████

Amount: 11.0 Subst: TABS

No. Cont: 1 Cont: pb

Date Rec'd: 01/19/2012 No. Analyzed:

Gross Wt.: 8.11 Net Weight: 4.33g

Tests: 2 DJR
•2/6/HC

Prelim: Buprenorphine Findings: Buprenorphine

DRUG POWDER ANALYSIS FORM

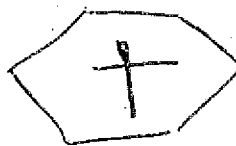SAMPLE # ████████████ AGENCY Boston   ANALYST DJR

No. of samples tested: ___1___   Evidence Wt. ___OK___

PHYSICAL DESCRIPTION: Gross Wt ( ): _____

2 orange hexagonal   Gross Wt ( ): _____
tablets with "N8" and sword   Pkg. Wt: _____
logos in one clear evidence   Net Wt: 0.7812g
PB.

front   back

PRELIMINARY TESTS
Spot Tests   #### Microcrystalline Tests

Cobalt   Gold
Thiocyanate ( ) _____   Chloride _____

Marquis _____   TLTA ( ) _____

Froehde's _____   #### OTHER TESTS

Mecke's _____   Micro Medex ⊕ for
                                          Buprenorphine 8mg
                                          Naloxone 2mg

PRELIMINARY TEST RESULTS   GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine   RESULTS Buprenorphine

DATE 2-11-12   MS
                                          OPERATOR KAC

                                          DATE 2-16-12

Drug Information

▆▆▆▆▆▆▆▆▆▆▆▆ 2-11-12

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo

Form: Sublingual Tablet

Available-Container-Size: Bottle of 30
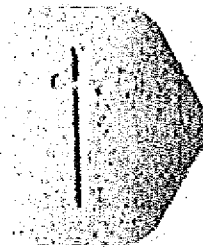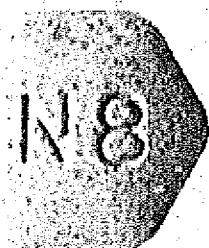
AAPCC Code: 200625 - Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser Pharmaceuticals

DRUG POWDER ANALYSIS FORM

SAMPLE # ████████   AGENCY Boston   ANALYST DJR

No. of samples tested: __1__   Evidence Wt. OK

PHYSICAL DESCRIPTION:

11 orange hexagonal
tablets with "N8" and
sword logos in one clear
evidence PB.

Gross Wt ( ): _____

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: 4.3393g
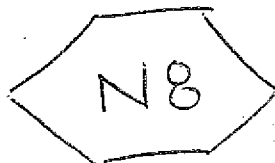
front

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate ( ) _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

Micro Medex ⊕ for
Buprenorphine 8mg
Naloxone 2mg

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE B__ 2-11-12
(DJR)

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS
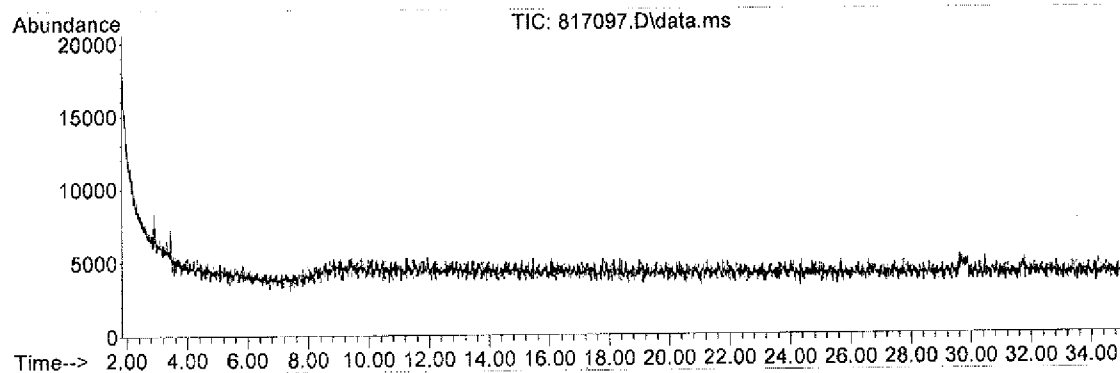OPERATOR KAC

DATE 2-16-12

Drug Information

2-11-12

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo

Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -
Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser
Pharmaceuticals
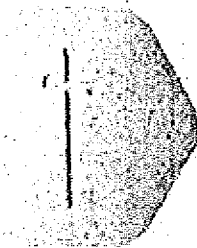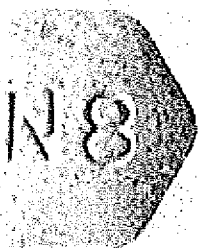
√KAC
6/15/12

Information from Data File:
```
File Name        : J:\02_14_12\817097.D
Operator         : KAC
Date Acquired    : 15 Feb 2012  14:38
Sample Name      : BLANK
Submitted by     :
Vial Number      :    2
AcquisitionMeth: WSCREEN.M
Integrator       : RTE
```
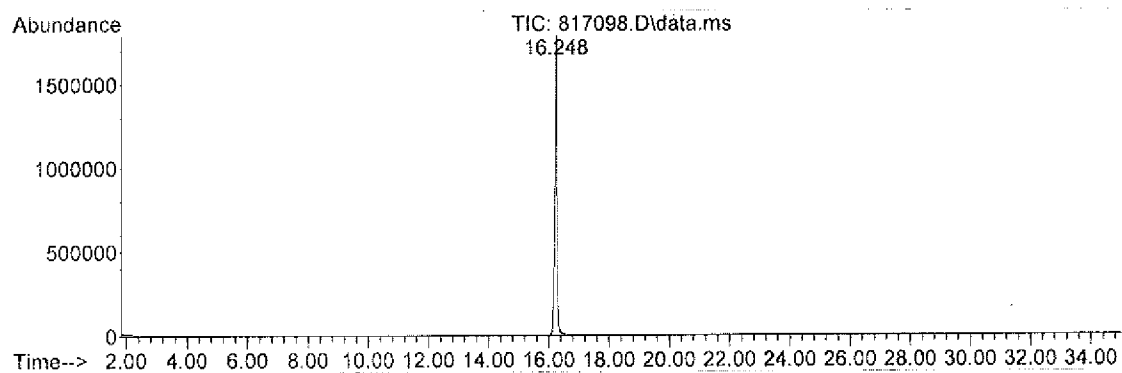

TIC: 817097.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : J:\02_14_12\817098.D
Operator   : KAC
Date Acquired   : 15 Feb 2012 15:17
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 98
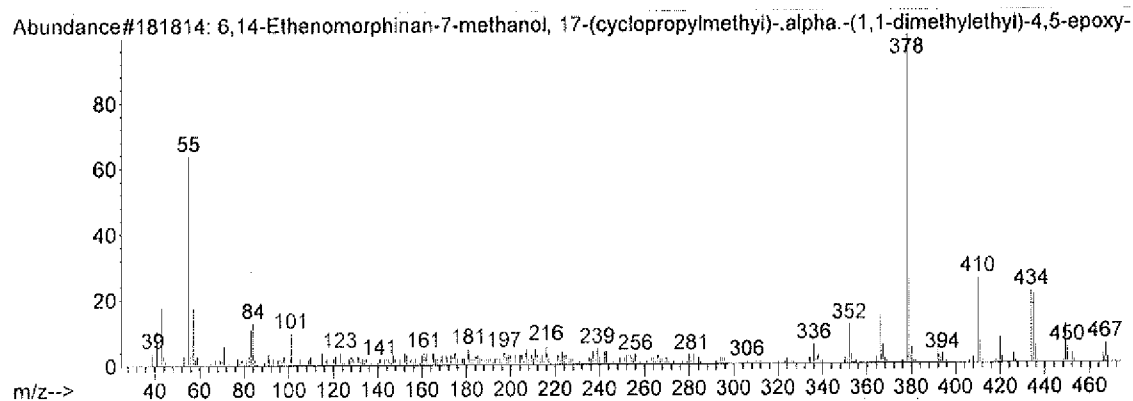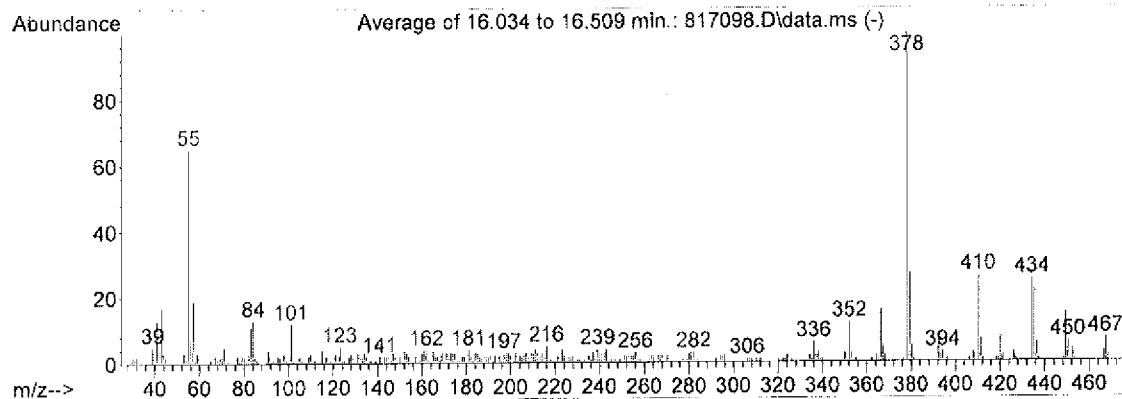AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
16.248	8225349	100.00	100.00

817098.D   Fri Jun 15 10:04:19 2012   Page   1

Information from Data File:
File Name   : J:\02_14_12\817098.D
Operator   : KAC
Date Acquired   : 15 Feb 2012 15:17
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 98
AcquisitionMeth: WSCREEN.M
Integrator   : RTE
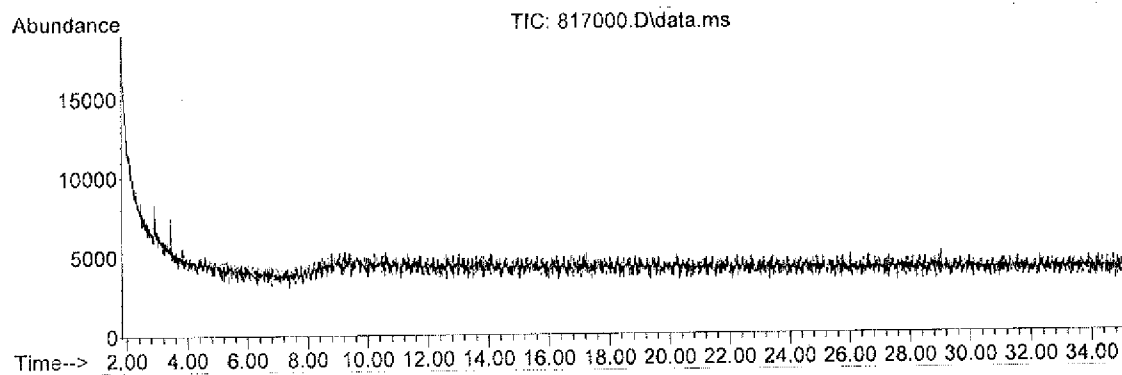
Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	16.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	50

Abundance   Average of 16.034 to 16.509 min.: 817098.D\data.ms (-)

Abundance#181814: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

817098.D   Fri Jun 15 10:04:19 2012   Page 2

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\02_14_12\817000.D
Operator   : KAC
Date Acquired : 15 Feb 2012 16:35
Sample Name   : BLANK
Submitted by : DJR
Vial Number   :   2
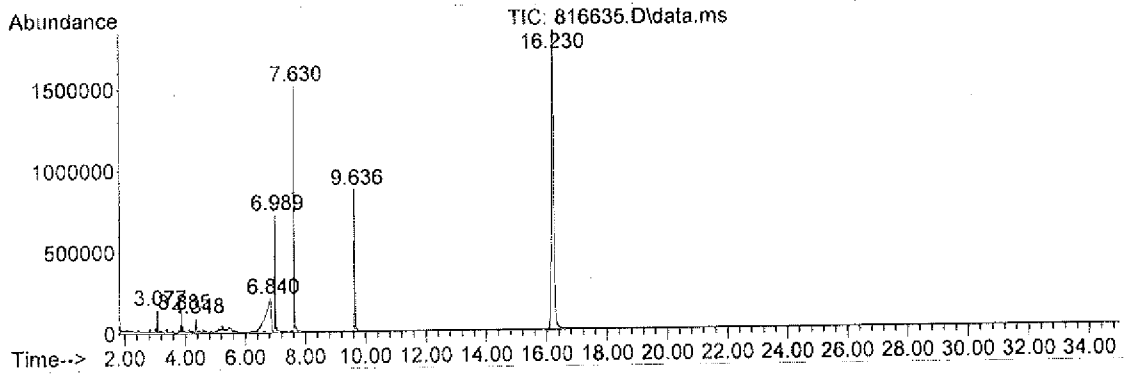AcquisitionMeth: WSCREEN.M
Integrator   : RTE


Abundance   TIC: 817000.D\data.ms

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

817000.D   Fri Jun 15 10:04:34 2012   Page 1

Area Percent / Library Search Report

Information from Data File:
```
File Name       : J:\02_14_12\816635.D
Operator        : KAC
Date Acquired   : 15 Feb 2012   17:14
Sample Name     : ███████
Submitted by    : DJR
Vial Number     : 99
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
```


TIC: 816635.D\data.ms

Ret. Time	Area	Area %	Ratio %
3.077	200165	1.30	2.26
3.885	110332	0.72	1.24
4.348	128109	0.83	1.45
6.840	2595839	16.85	29.29
6.989	772693	5.01	8.72
7.630	1466603	9.52	16.55
9.636	1272487	8.26	14.36
16.230	8862428	57.52	100.00

816635.D   Fri Jun 15 10:04:43 2012   Page   1

___

Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired : 15 Feb 2012   17:14
Sample Name   : ███████
Submitted by : DJR
Vial Number   : 99
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

___

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

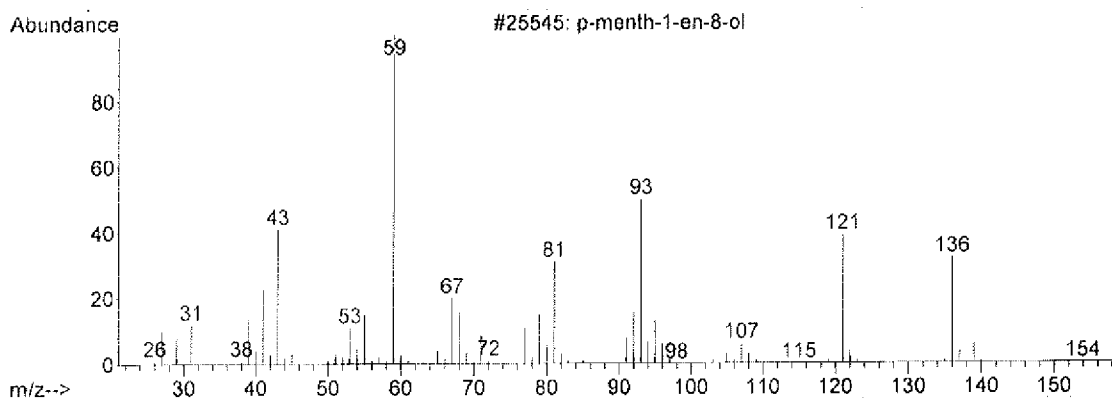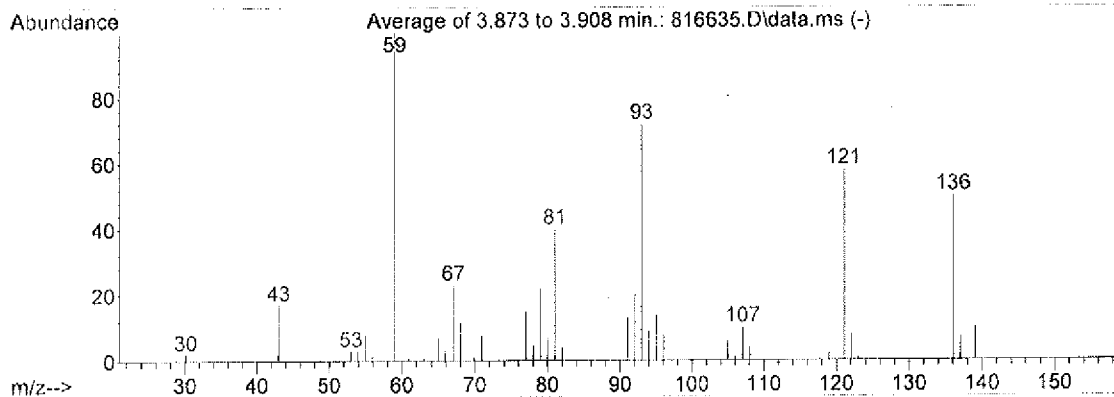| PK#	RT	Library/ID	CAS#	Qual
1	3.08	C:\Database\NIST05a.L		
		D-Limonene	005989-27-5	94
		D-Limonene	005989-27-5	94
		Limonene	000138-86-3	94
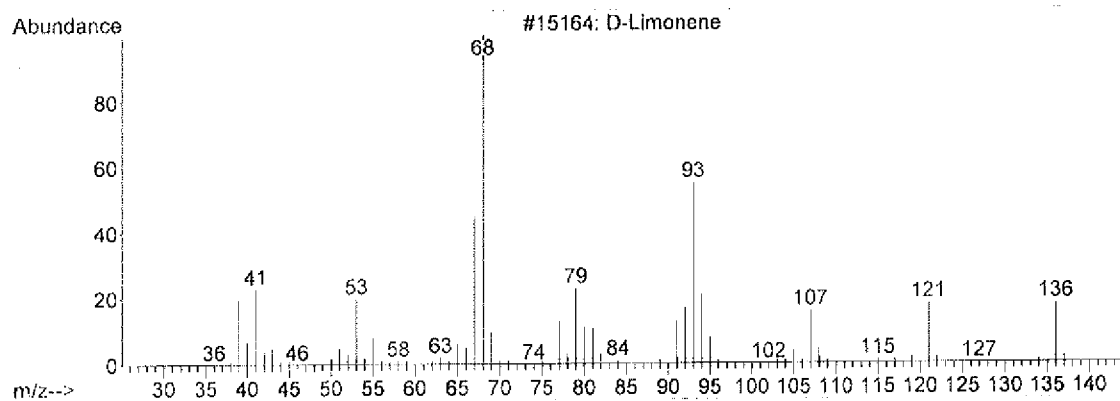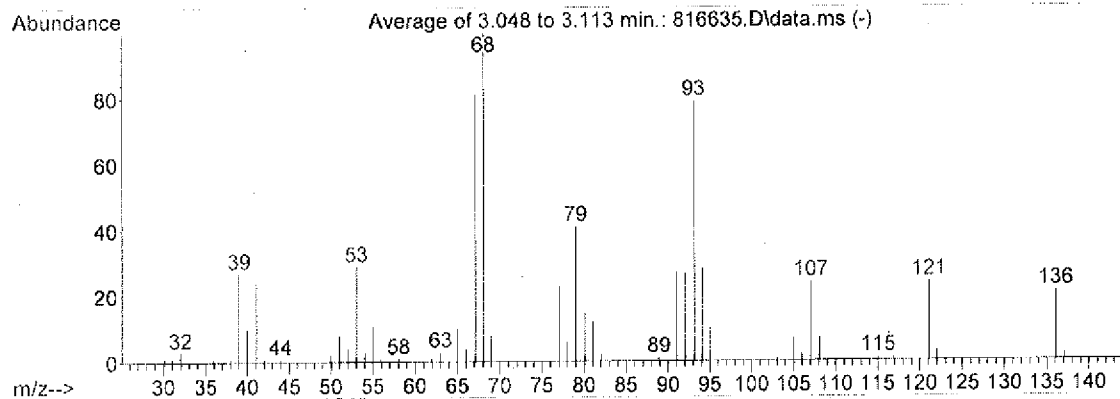
Abundance   Average of 3.048 to 3.113 min.: 816635.D\data.ms (-)

Abundance   #15164: D-Limonene

Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired   : 15 Feb 2012   17:14
Sample Name   : ██████████
Submitted by   : DJR
Vial Number   : 99
AcquisitionMeth : WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
2	3.88	C:\Database\NIST05a.L		
		p-menth-1-en-8-ol	1000157-89-9	86
		3-Cyclohexene-1-methanol, .alpha.,.	010482-56-1	83
		3-Cyclohexene-1-methanol, .alpha.,.	000098-55-5	83

Average of 3.873 to 3.908 min.: 816635.D\data.ms (-)

#25545: p-menth-1-en-8-ol

816635.D   Fri Jun 15 10:04:44 2012   Page   3

Information from Data File:
```
File Name       : J:\02_14_12\816635.D
Operator        : KAC
Date Acquired   : 15 Feb 2012   17:14
Sample Name     : ███████
Submitted by    : DJR
Vial Number     : 99
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

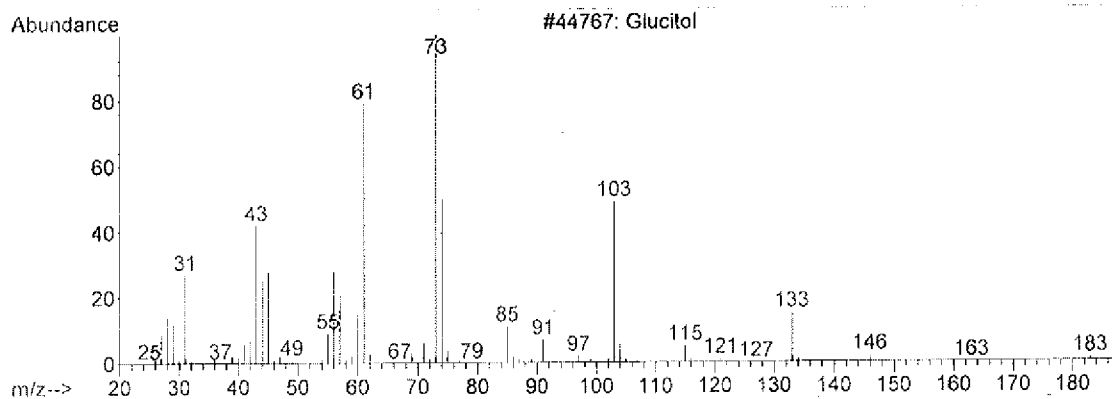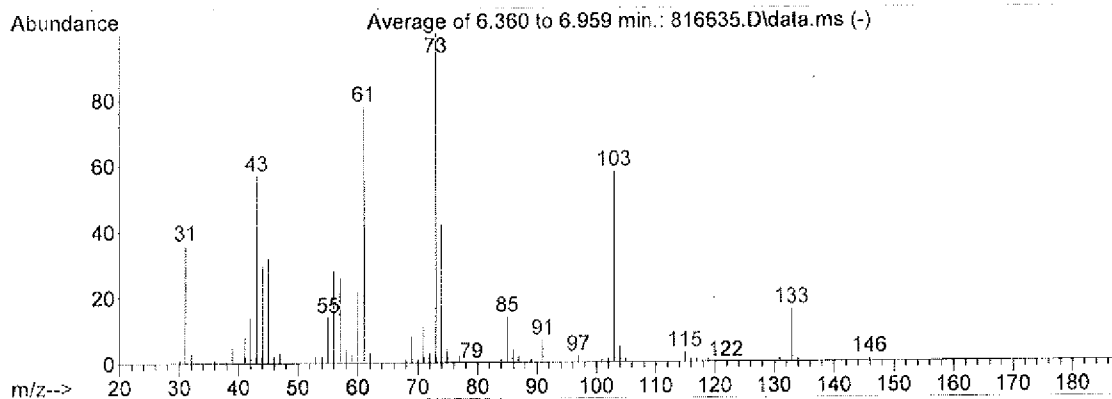| PK#	RT	Library/ID	CAS#	Qual
3	4.35	C:\Database\PMW_TOX2.L		
		Ethylacetate	@ 000141-78-6	4
		Nifenalol artifact	000000-00-0	1
		Mefruside -SO2NH	000000-00-0	1
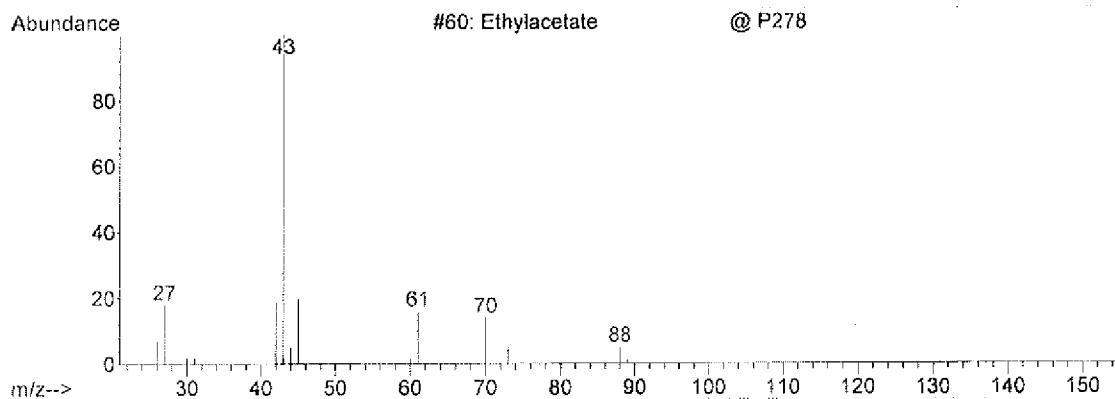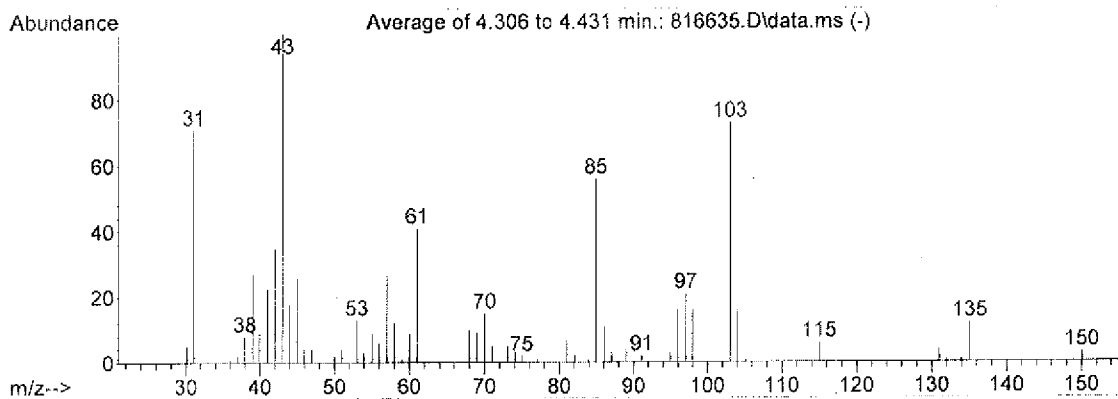
Average of 4.306 to 4.431 min.: 816635.D\data.ms (-)

#60: Ethylacetate   @ P278

Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired : 15 Feb 2012   17:14
Sample Name   : ████████
Submitted by   : DJR
Vial Number   : 99
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
4	6.84	C:\Database\NIST05a.L		
		Glucitol	026566-34-7	91
		D-Mannitol	000069-65-8	90
		Sorbitol	000050-70-4	87

Average of 6.360 to 6.959 min.: 816635.D\data.ms (-)

#44767: Glucitol

Corbett_email_PRR_027728

Information from Data File:
```
File Name        : J:\02_14_12\816635.D
Operator         : KAC
Date Acquired    : 15 Feb 2012   17:14
Sample Name      : ██████
Submitted by     : DJR
Vial Number      : 99
AcquisitionMeth: WSCREEN.M
Integrator       : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
5	6.99	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	99
		n-Hexadecanoic acid	000057-10-3	96
		n-Hexadecanoic acid	000057-10-3	95
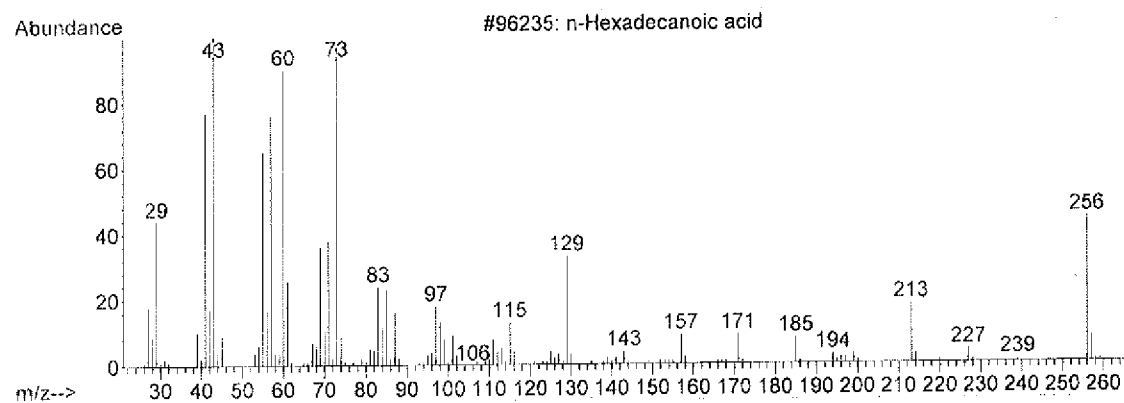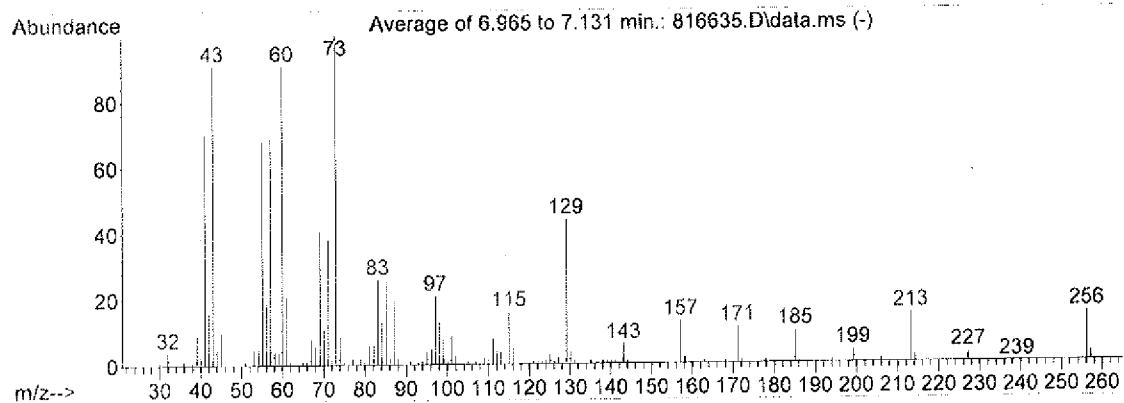
Average of 6.965 to 7.131 min.: 816635.D\data.ms (-)

#96235: n-Hexadecanoic acid

Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired : 15 Feb 2012   17:14
Sample Name   : ████████
Submitted by   : DJR
Vial Number   : 99
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

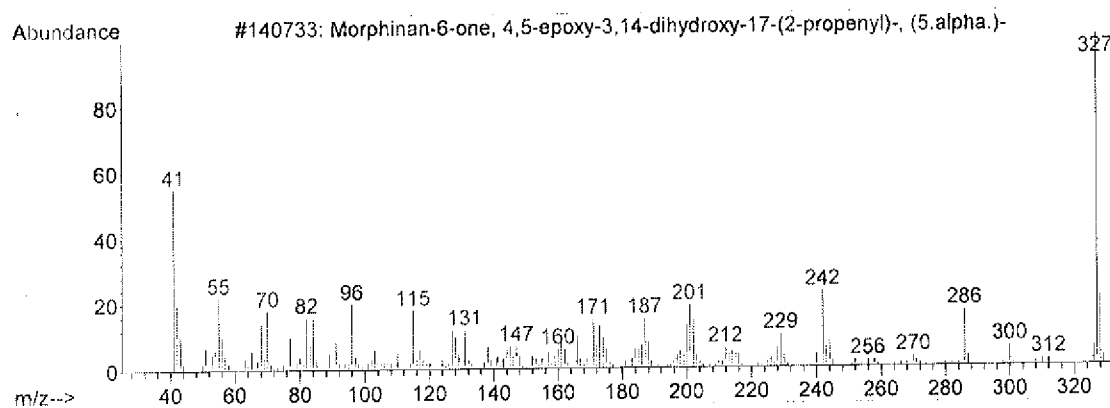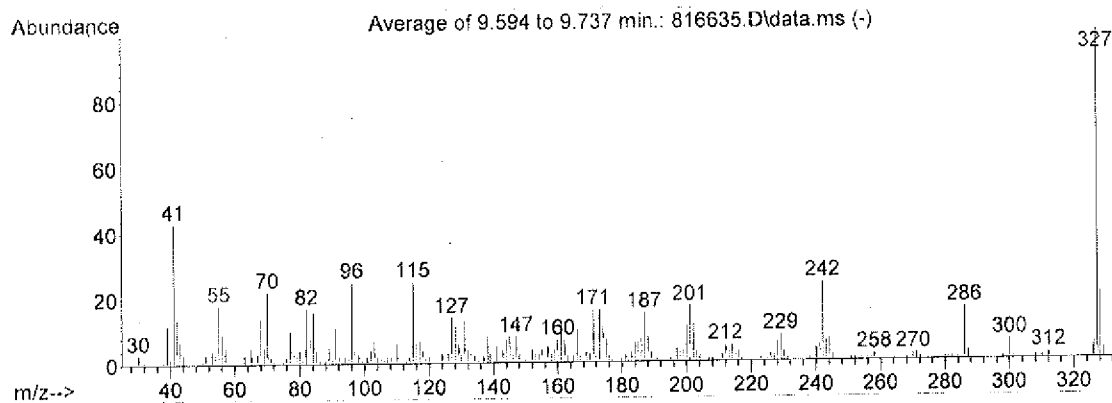| PK#	RT	Library/ID	CAS#	Qual
6	7.63	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	96

Average of 7.594 to 7.784 min.: 816635.D\data.ms (-)

#114822: Octadecanoic acid
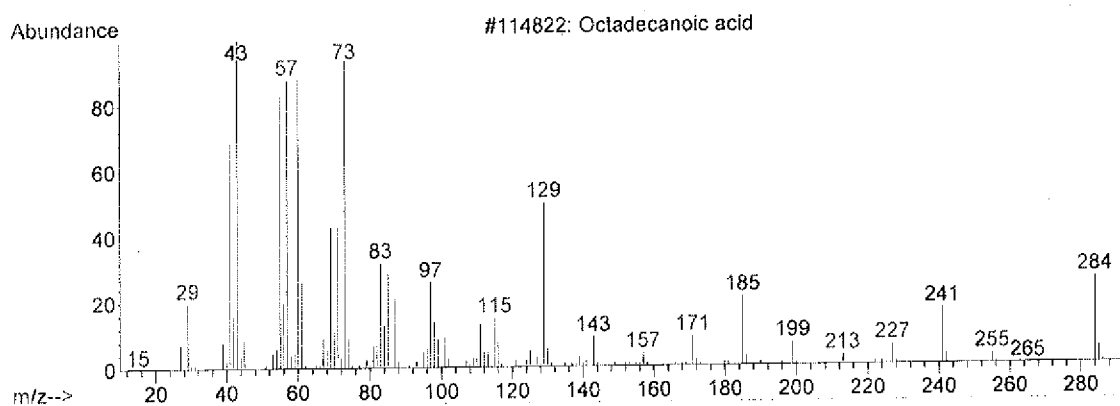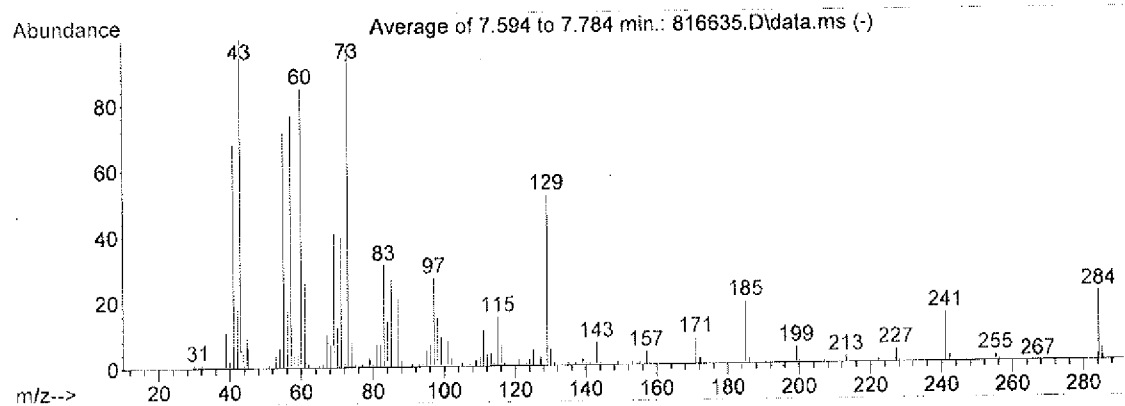
Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired : 15 Feb 2012   17:14
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 99
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

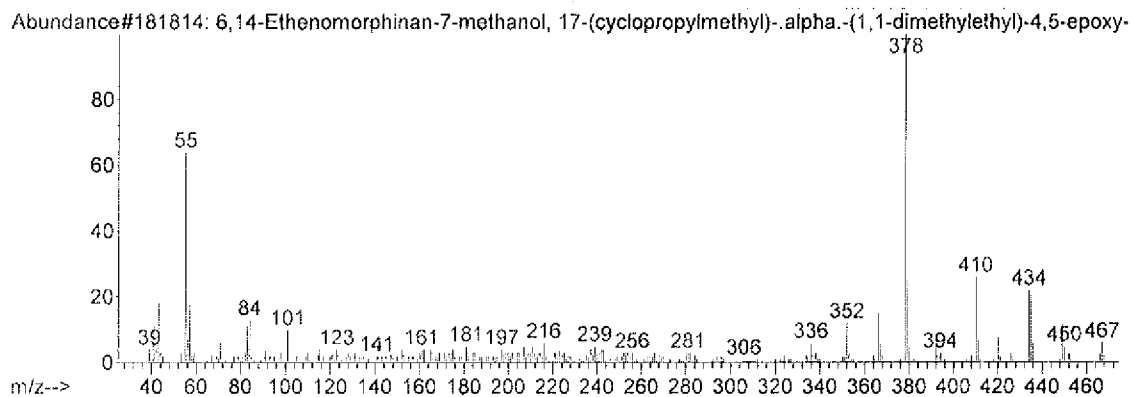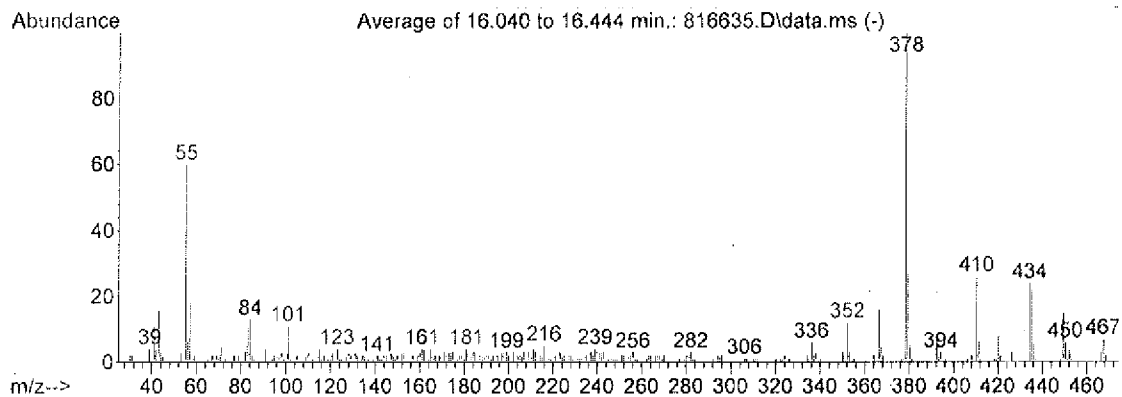| PK#	RT	Library/ID	CAS#	Qual
7	9.64	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	96

Average of 9.594 to 9.737 min.: 816635.D\data.ms (-)

#140733: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-

---

Information from Data File:
File Name   : J:\02_14_12\816635.D
Operator   : KAC
Date Acquired : 15 Feb 2012   17:14
Sample Name   : ███████
Submitted by : DJR
Vial Number   : 99
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

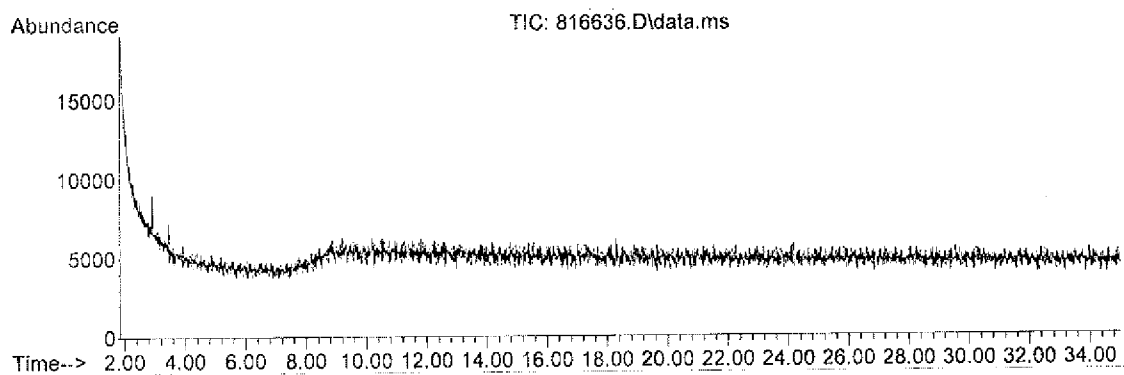
Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	16.23	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	55

Abundance   Average of 16.040 to 16.444 min.: 816635.D\data.ms (-)

Abundance#181814: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

816635.D   Fri Jun 15 10:04:51 2012   Page 9

Information from Data File:
File Name   : J:\02_14_12\816636.D
Operator   : KAC
Date Acquired : 15 Feb 2012 17:53
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   2
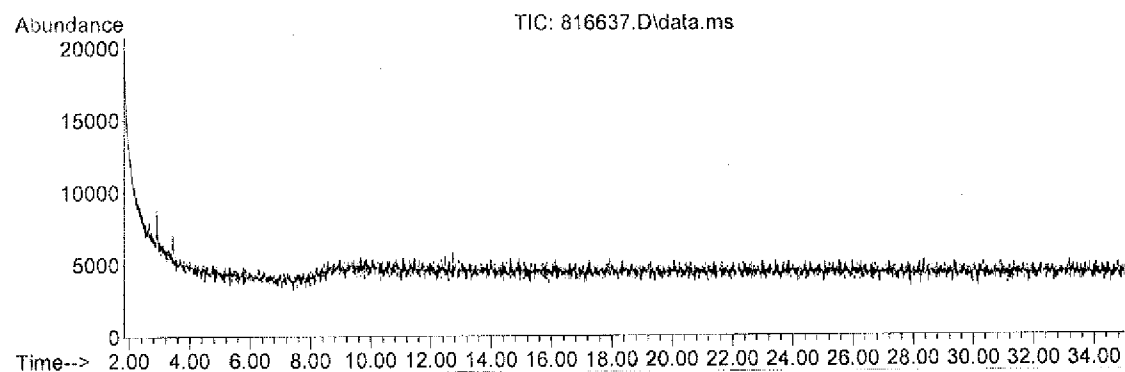AcquisitionMeth: WSCREEN.M
Integrator   : RTE

TIC: 816636.D\data.ms

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

816636.D   Fri Jun 15 10:04:55 2012   Page   1

Area Percent / Library Search Report

Information from Data File:
```
File Name      :  J:\02_14_12\816637.D
Operator       :  KAC
Date Acquired  :  15 Feb 2012  18:32
Sample Name    :  BLANK
Submitted by   :  DJR
Vial Number    :    2
AcquisitionMeth:  WSCREEN.M
Integrator     :  RTE
```
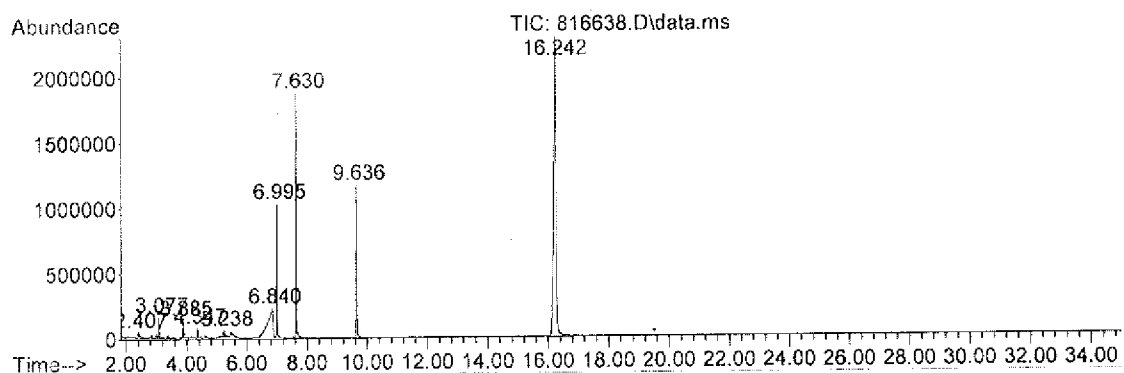

TIC: 816637.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

816637.D   Fri Jun 15 10:05:07 2012   Page 1

Area Percent / Library Search Report

Information from Data File:
```
File Name        :  J:\02_14_12\816638.D
Operator         :  KAC
Date Acquired    :  15 Feb 2012   19:11
Sample Name      :  ████████
Submitted by     :  DJR
Vial Number      :  100
AcquisitionMeth: WSCREEN.M
Integrator       :  RTE
```

Abundance   TIC: 816638.D\data.ms

Ret. Time	Area	Area %	Ratio %
2.407	183534	0.92	1.59
3.077	240831	1.21	2.08
3.885	131567	0.66	1.14
4.347	127253	0.64	1.10
5.238	118645	0.59	1.03
6.840	2856471	14.31	24.70
6.995	1066246	5.34	9.22
7.630	1977639	9.91	17.10
9.636	1685700	8.45	14.57
16.242	11566972	57.97	100.00

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012   19:11
Sample Name   : █████████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
1	2.41	C:\Database\NIST05a.L		
		2H-Pyran-2-one	000504-31-4	83
		2H-Pyran-2-one	000504-31-4	83
		1,4-Pentadiene	000591-93-5	83
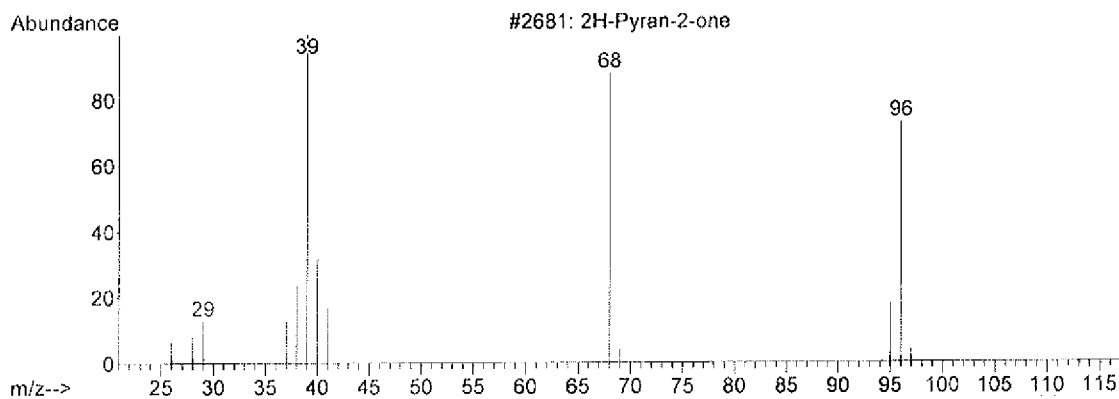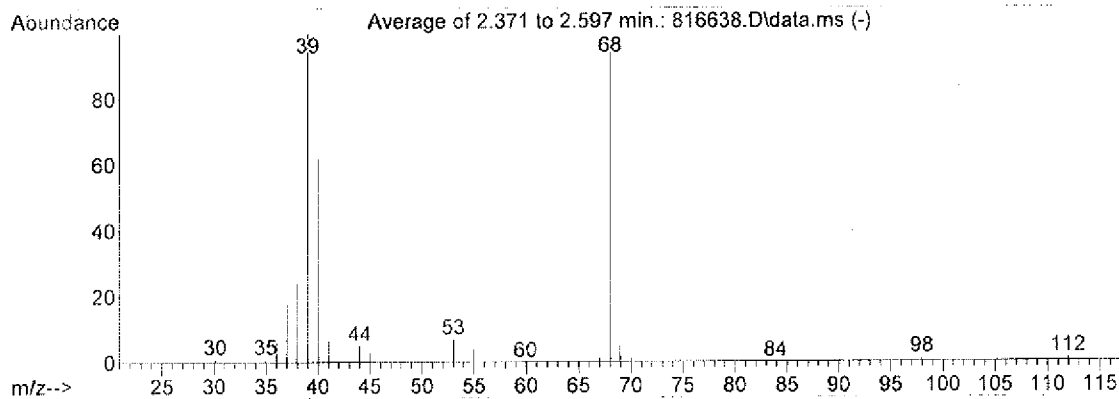
Average of 2.371 to 2.597 min.: 816638.D\data.ms (-)

#2681: 2H-Pyran-2-one

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012   19:11
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

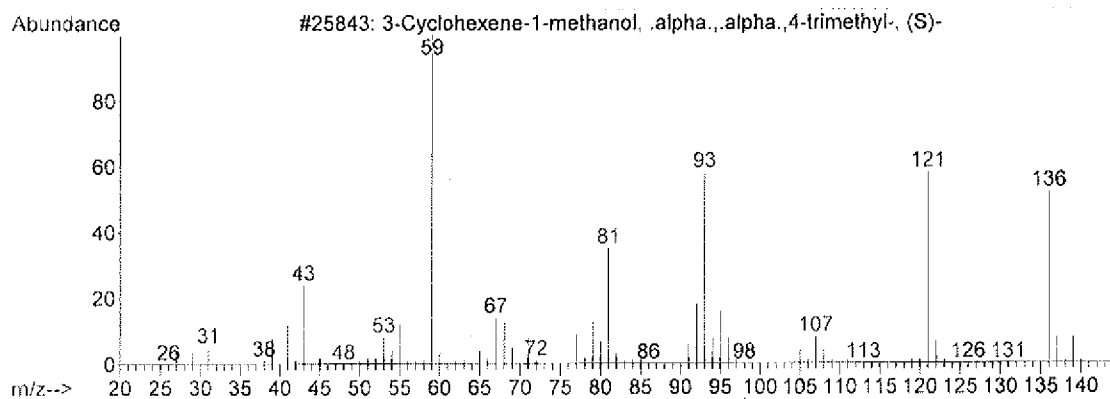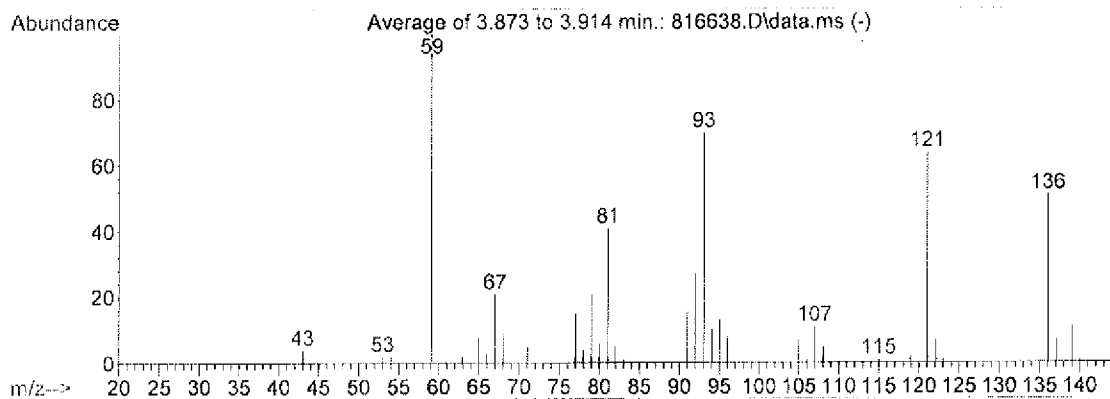| PK#	RT	Library/ID	CAS#	Qual
2	3.08	C:\Database\NIST05a.L		
		Limonene	000138-86-3	94
		D-Limonene	005989-27-5	93
		Limonene	000138-86-3	91
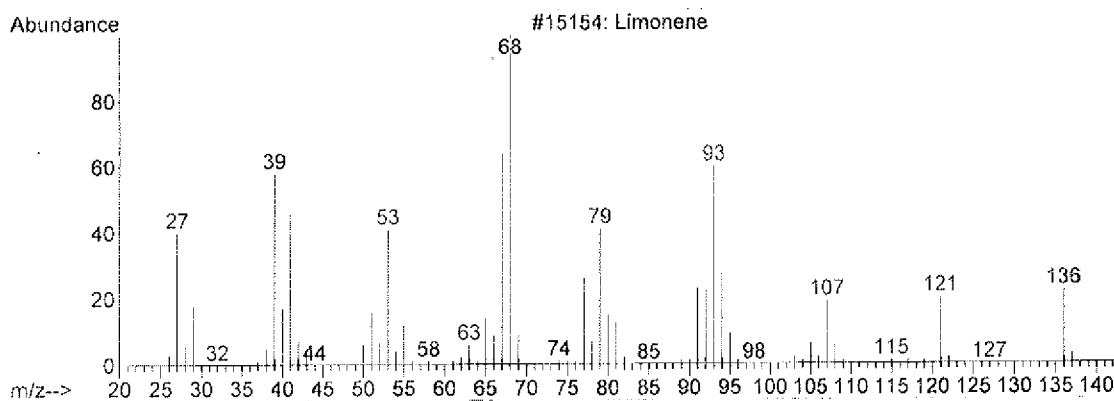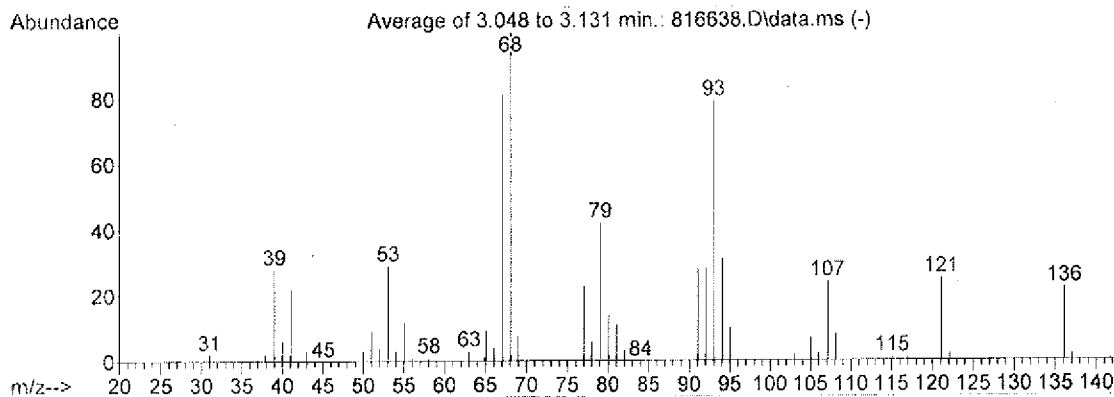
Average of 3.048 to 3.131 min.: 816638.D\data.ms (-)

#15154: Limonene

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired   : 15 Feb 2012   19:11
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
3	3.88	C:\Database\NIST05a.L		
		3-Cyclohexene-1-methanol, .alpha.,.	010482-56-1	86
		3-Cyclohexene-1-methanol, .alpha.,.	000098-55-5	86
		3-Cyclohexene-1-methanol, .alpha.,.	000098-55-5	83

Abundance   Average of 3.873 to 3.914 min.: 816638.D\data.ms (-)

Abundance   #25843: 3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-, (S)-

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012   19:11
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

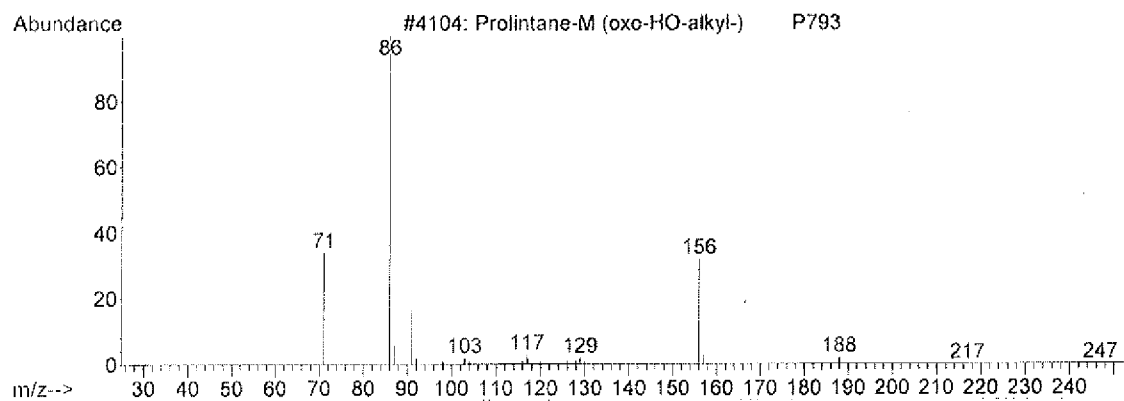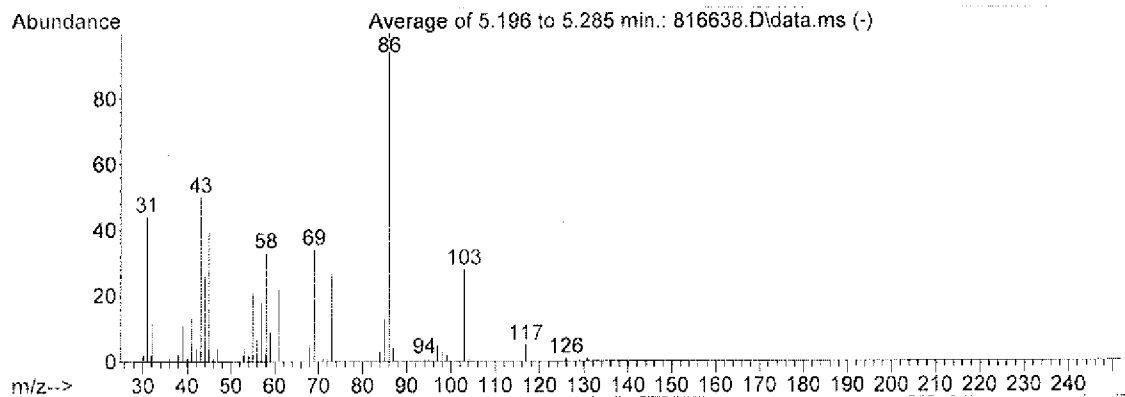| PK#	RT	Library/ID	CAS#	Qual
4	4.35	C:\Database\PMW_TOX2.L		
		Octane	000111-65-9	9
		2-Methylhexane	000591-76-4	9
		Acetic acid anhydride	000108-24-7	9
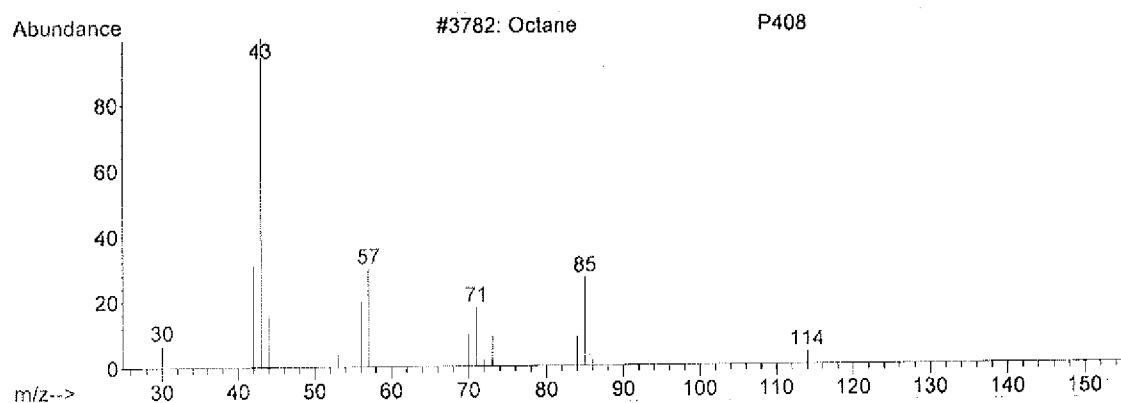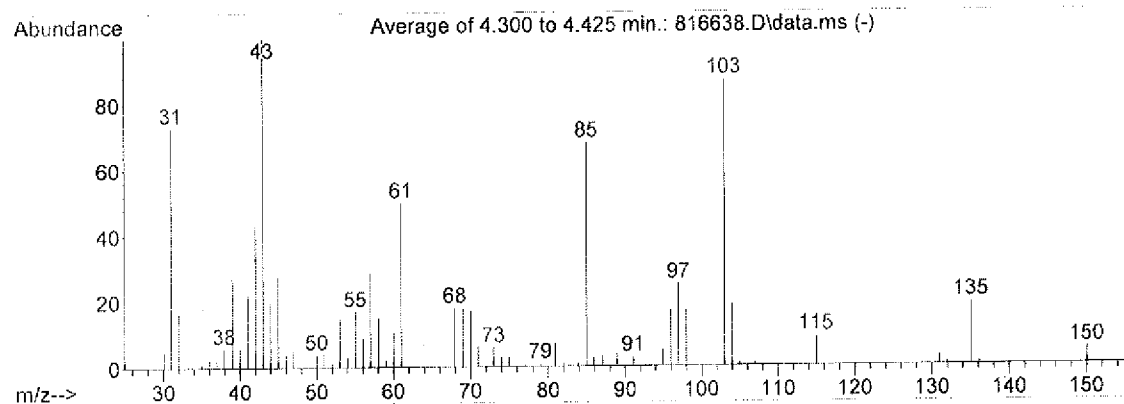
Average of 4.300 to 4.425 min.: 816638.D\data.ms (-)

#3782: Octane   P408

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012 19:11
Sample Name   : ███████
Submitted by : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

| PK#	RT	Library/ID	CAS#	Qual
5	5.24	C:\Database\PMW_TOX2.L		
		Prolintane-M (oxo-HO-alkyl-)	000000-00-0	4
		Etamiphylline	000314-35-2	4
		Prilocaine	000721-50-6	4

Abundance   Average of 5.196 to 5.285 min.: 816638.D\data.ms (-)

Abundance   #4104: Prolintane-M (oxo-HO-alkyl-)   P793

816638.D   Fri Jun 15 10:05:15 2012   Page 6

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012 19:11
Sample Name   : ▮▮▮▮▮▮
Submitted by : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

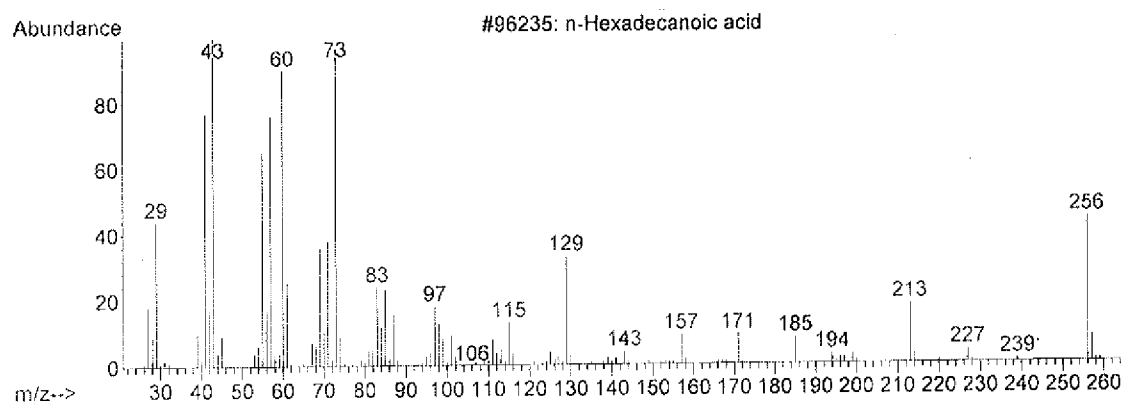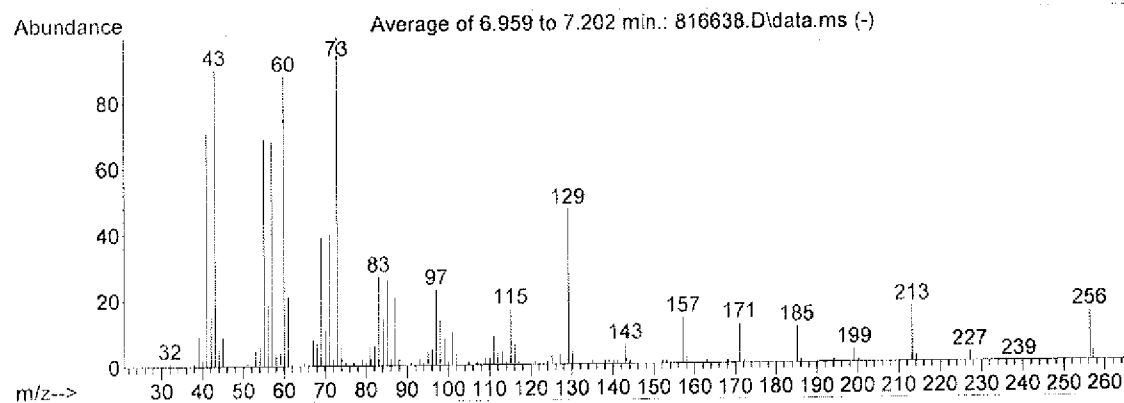| PK#	RT	Library/ID	CAS#	Qual
6	6.84	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	90
		Sorbitol	000050-70-4	87
		D-Mannitol	000069-65-8	86
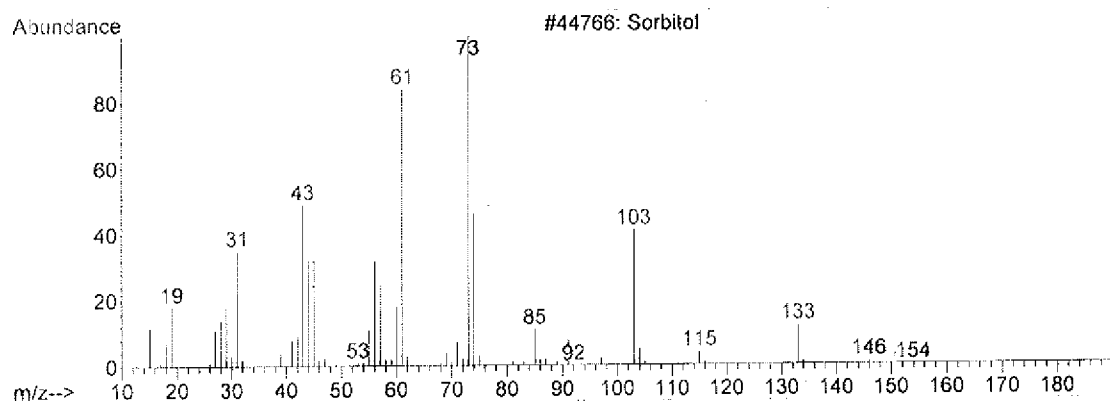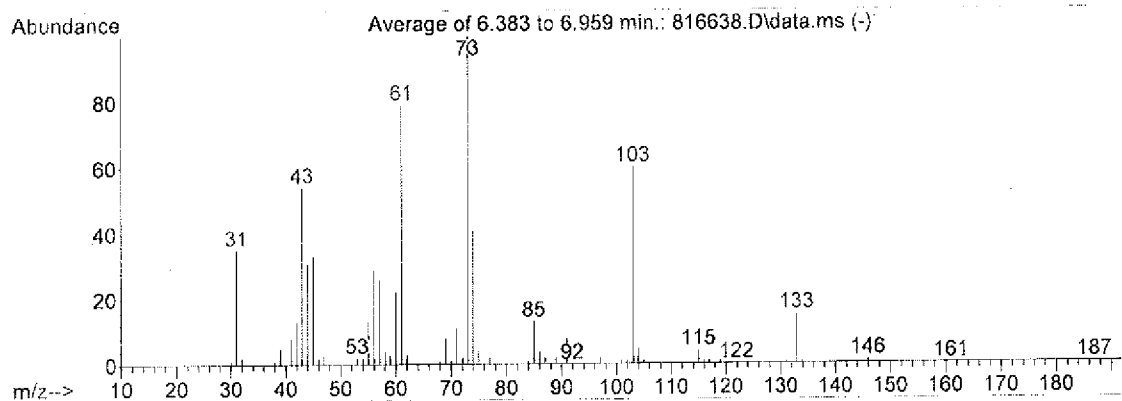
Abundance   Average of 6.383 to 6.959 min.: 816638.D\data.ms (-)

Abundance   #44766: Sorbitol

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012   19:11
Sample Name   : ▮▮▮▮▮▮▮
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

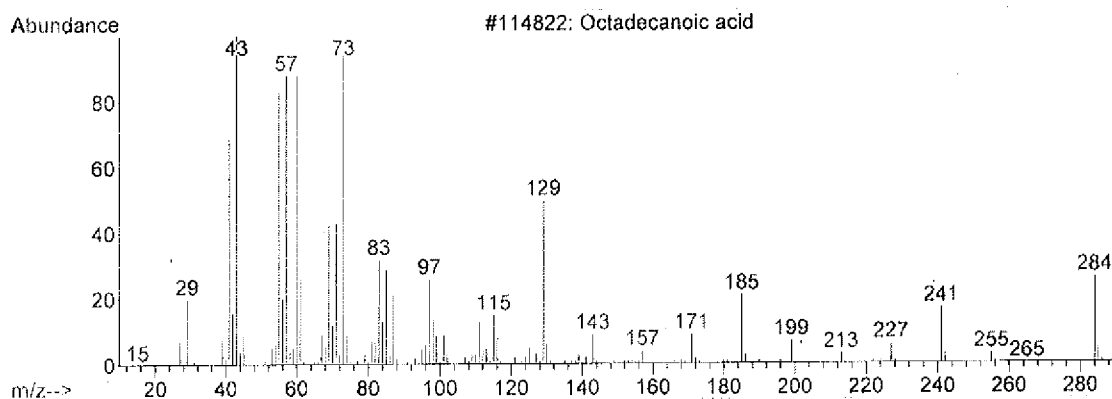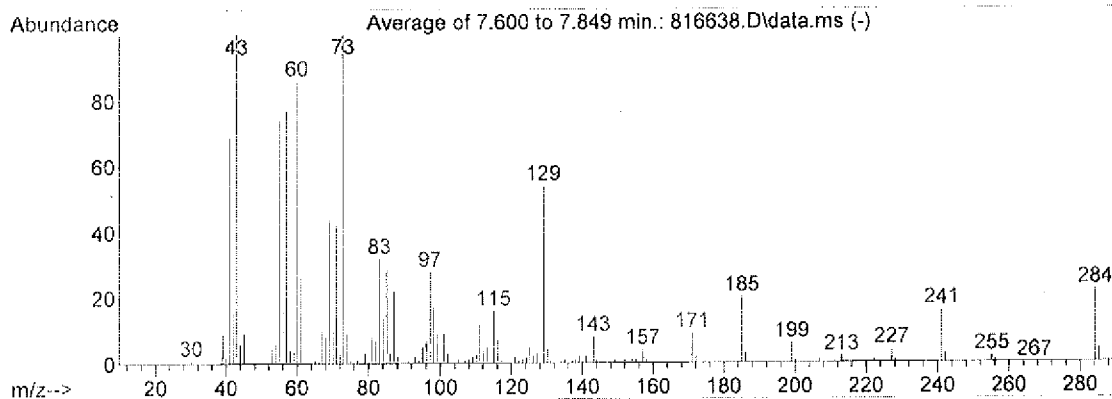| PK#	RT	Library/ID	CAS#	Qual
7	6.99	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	99
		n-Hexadecanoic acid	000057-10-3	93
		n-Hexadecanoic acid	000057-10-3	93

Abundance   Average of 6.959 to 7.202 min.: 816638.D\data.ms (-)

Abundance   #96235: n-Hexadecanoic acid

816638.D   Fri Jun 15 10:05:17 2012   Page 8

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired. : 15 Feb 2012   19:11
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

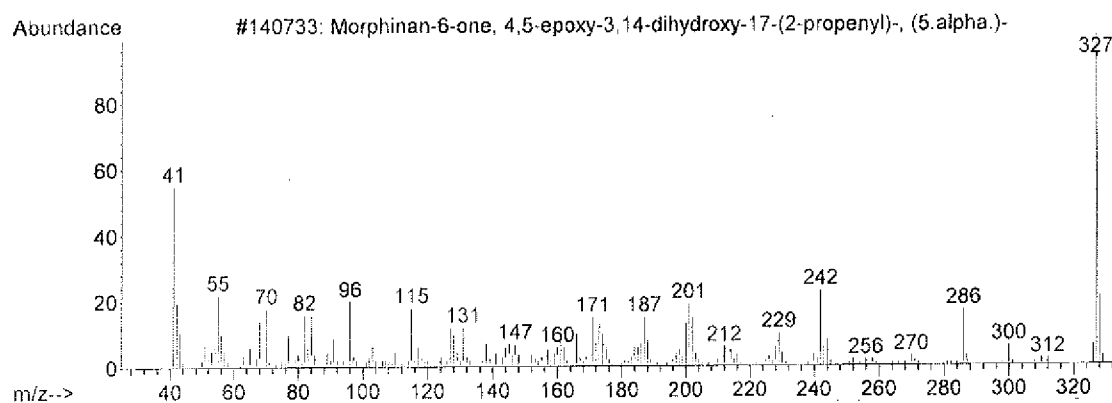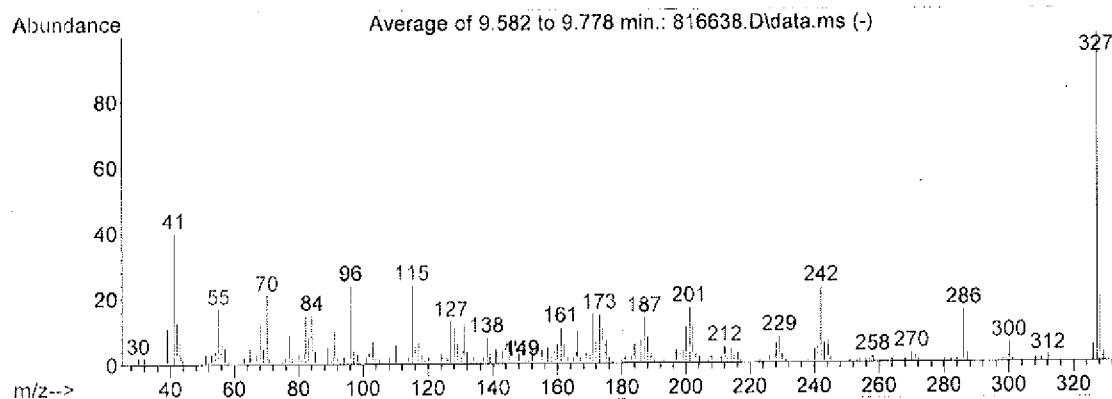| PK#	RT	Library/ID	CAS#	Qual
8	7.63	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95

Average of 7.600 to 7.849 min.: 816638.D\data.ms (-)

#114822: Octadecanoic acid

816638.D   Fri Jun 15 10:05:17 2012   Page   9

Corbett_email_PRR_027743

Information from Data File:
File Name   : J:\02_14_12\816638.D
Operator   : KAC
Date Acquired : 15 Feb 2012   19:11
Sample Name   : █████████
Submitted by   : DJR
Vial Number   : 100
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST05a.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

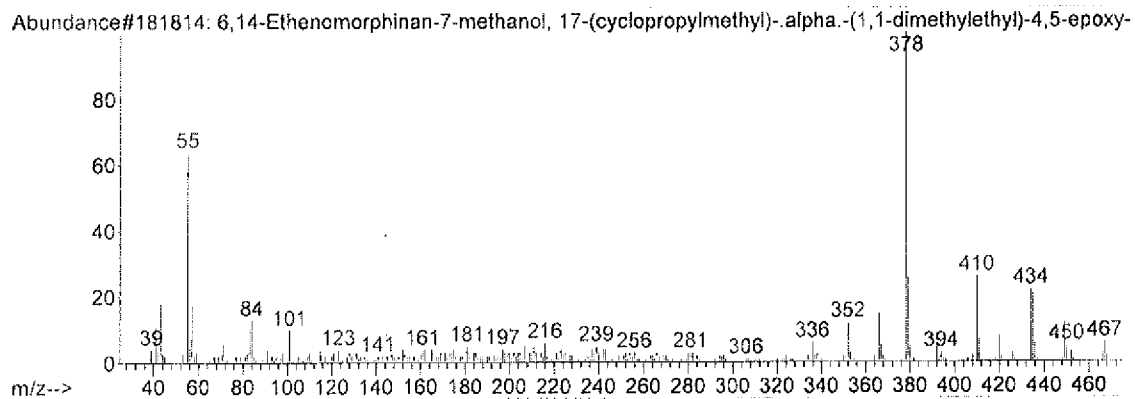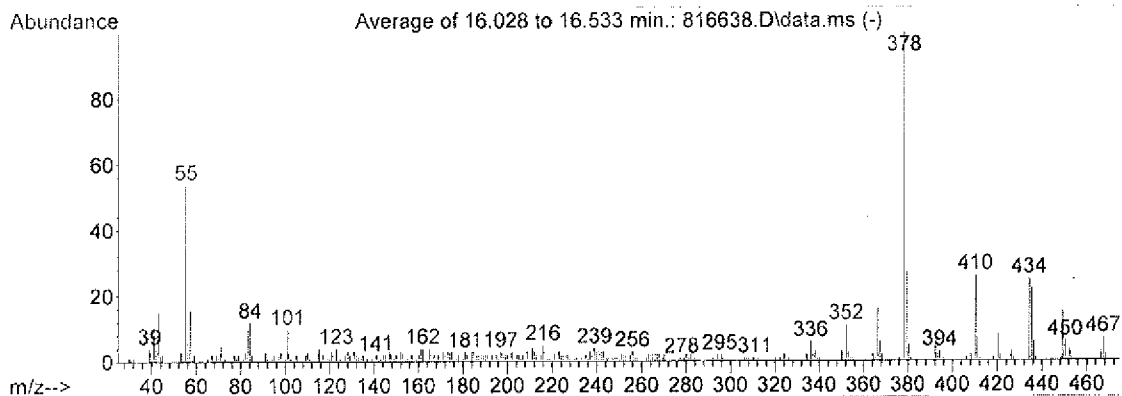| PK#	RT	Library/ID	CAS#	Qual
9	9.64	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	98

Average of 9.582 to 9.778 min.: 816638.D\data.ms (-)

#140733: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-

816638.D   Fri Jun 15 10:05:18 2012   Page 10

Area Percent / Library Search Report

Information from Data File:
```
File Name        : J:\02_14_12\816638.D
Operator         : KAC
Date Acquired    : 15 Feb 2012  19:11
Sample Name      : ███████████
Submitted by     : DJR
Vial Number      : 100
AcquisitionMeth  : WSCREEN.M
Integrator       : RTE
```

Search Libraries:	C:\Database\SLI.L		Minimum Quality:	80
	C:\Database\NIST05a.L		Minimum Quality:	80
	C:\Database\PMW_TOX2.L			

PK#	RT	Library/ID	CAS#	Qual
10	16.24	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	55

Abundance
Average of 16.028 to 16.533 min.: 816638.D\data.ms (-)

Abundance #181814: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-

Information from Data File:
File Name   : J:\02_14_12\816640.D
Operator   : KAC
Date Acquired   : 15 Feb 2012 20:29
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
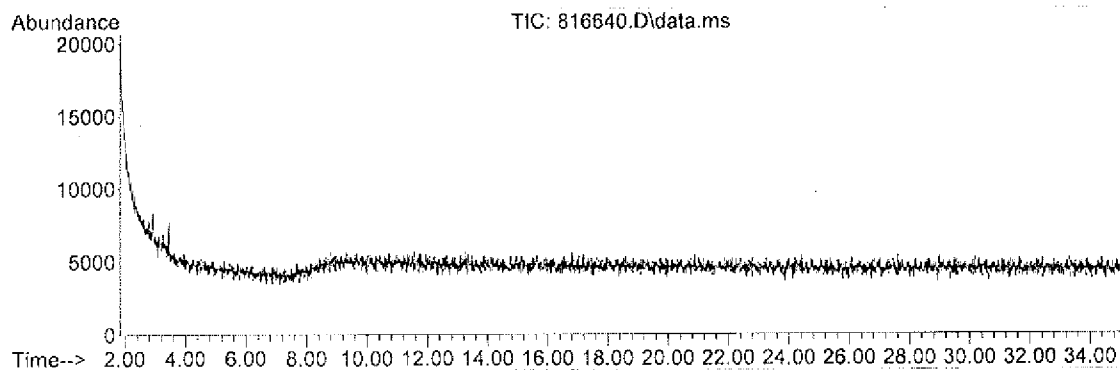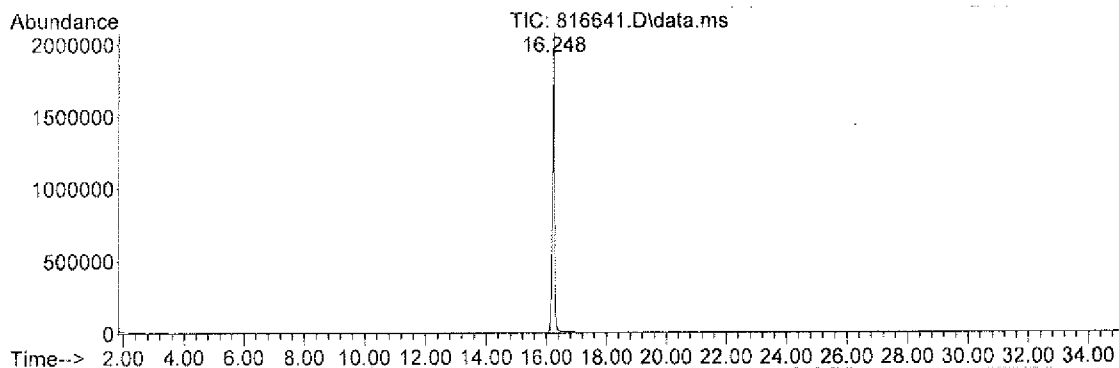AcquisitionMeth: WSCREEN.M
Integrator   : RTE

TIC: 816640.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : J:\02_14_12\816641.D
Operator   : KAC
Date Acquired : 15 Feb 2012 21:09
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 98
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
16.248	9524028	100.00	100.00

Information from Data File:
File Name   : J:\02_14_12\816641.D
Operator   : KAC
Date Acquired : 15 Feb 2012 21:09
Sample Name   : BUPRENORPHINE STD
Submitted by   :
Vial Number   : 98
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	16.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	55

Abundance   Average of 16.034 to 16.509 min.: 816641.D\data.ms (-)

Abundance#181814: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-